| Index of Claims |  |
|-----------------|--|
|                 |  |

|   | Application No. | Applicant(s) |  |
|---|-----------------|--------------|--|
|   | 10/720,275      | HUANG ET AL. |  |
|   | Examiner        | Art Unit     |  |
| ĺ | Examiner        | Art Unit     |  |

| Ľ | rejeoleu |
|---|----------|
| , | Rejected |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Tuan H. Nguyen

| Α | Appeal   |
|---|----------|
| o | Objected |

2813

| Cla      | aim      |          |          |          | [            | Date     | 9        |          |          |  |          |
|----------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|--|----------|
| Final    | Original | 5/2/04   |          |          |              |          |          |          |          |  |          |
|          | 1        | =        | -        |          | -            |          |          |          | -        | H  |          |
|          | 2        | =        |          |          |              | Н        |          |          |          |  |          |
|          | 3        | =        |          |          |              |          |          |          |          |  | l        |
|          | 4        | =        |          |          |              |          |          |          |          |  |          |
|          |          | =        |          |          |              |          |          |          |          |  |          |
|          | 5<br>6   | =        |          |          |              |          |          |          |          |  |          |
|          | 7        | =        |          |          |              |          |          |          |          |  |          |
|          | 8        | =        |          |          |              |          |          |          |          |  |          |
|          | 9        | =        | <u> </u> | _        |              |          |          |          | _        |  |          |
|          | 10       | =        |          |          |              | <u> </u> |          | _        |          | ļ.,  |          |
|          | 11       | =        |          |          |              |          | _        | L_       | _        |  |          |
| ļ        | 12<br>13 | =        |          | $\vdash$ |              |          |          | _        | L        | -  |          |
|          | 13       | =        | _        | <u> </u> |              |          | <u> </u> |          |          | ⊢  |          |
|          | 14<br>15 | =        | $\vdash$ | -        |              |          | $\vdash$ |          |          | $\vdash$   | -        |
|          | 16       |          | $\vdash$ | -        |              | -        | ┢        |          |          |  |          |
| -        | 17       |          |          | _        | -            | -        |          |          |          | $\vdash$   |          |
|          | 18       |          | _        | _        | _            |          |          |          |          | $\vdash$   |          |
|          | 19       |          | _        |          | Г            |          |          |          |          |  |          |
|          | 20       |          |          |          | Г            |          |          |          |          |  |          |
|          | 21       |          |          |          |              |          |          |          |          |  | ] [      |
|          | 22       |          |          |          |              |          |          |          |          |  |          |
|          | 23       | _        | _        | <u> </u> | <u> </u>     | _        | ļ        | _        |          |  |          |
|          | 24<br>25 | <u> </u> |          | <u> </u> | <u> </u>     | _        |          | _        | _        | <u> </u>   |          |
|          | 25       |          | -        | <u> </u> |              | _        |          | _        |          | ├-   |          |
|          | 26<br>27 | ┝        | ├        | ⊢        | ┢            |          |          | ┝        | ┝        | ├  |          |
|          | 28       | -        | -        | ┝        | <del> </del> | ┢        | <u> </u> | H        | -        | -  | <b> </b> |
|          | 28<br>29 | -        | ├─       | -        |              |          |          | H        |          | -  |          |
|          | 30       | ┢        | ┢        | ┢        |              | $\vdash$ |          | H        |          | Т  |          |
|          | 31       | _        | $\vdash$ |          |              | -        |          |          |          |  |          |
|          | 32       |          |          |          |              |          |          |          |          |  |          |
|          | 33       |          |          |          |              |          |          |          |          |  | ] [      |
|          | 34       |          |          | _        | <u> </u>     | _        |          | _        |          |  |          |
|          | 35       | L_       | L        | L        | ļ.,          | L.       |          | _        |          | _  |          |
|          | 36       | ļ        | <u> </u> | <u> </u> | _            | _        |          | ┡        | <u> </u> | _  |          |
|          | 37       |          | -        | ļ        | ┢            |          | -        | ┝        | <u> </u> | H  |          |
| <u> </u> | 38<br>39 |          | -        | -        | -            |          |          | ┝        | -        | ⊢  |          |
|          | 40       | $\vdash$ | -        |          | $\vdash$     | $\vdash$ |          | -        | -        | ┢  | 1 }      |
| _        | 41       | $\vdash$ | $\vdash$ | H        | H            | ├        |          | -        | $\vdash$ | -  | 1 1      |
|          | 42       | ┢        | $\vdash$ |          | l —          | $\vdash$ |          | $\vdash$ | H        | <del>                                     </del> | 1 1      |
|          | 43       | Г        | Г        |          | Τ            | Г        |          |          | Г        |  |          |
|          | 44       |          |          |          |              |          |          |          |          |  |          |
|          | 45       |          |          |          |              |          |          |          |          |  |          |
|          | 46       | Ĺ        | Ľ        | Ĺ        |              |          |          |          | Ĺ        | Ĺ  | [        |
|          | 47       | _        | L        |          |              | _        |          |          |          | _  |          |
|          | 48       | <u> </u> | $\vdash$ | _        | L            | <u> </u> | _        | L        | L        | <u> </u>   |          |
| <u></u>  | 49       | $\vdash$ | <u> </u> | _        | -            | -        | _        | $\vdash$ | $\vdash$ | -  | {        |
| Щ        | 50       | L_       |          |          |              |          | L_       | L        |          |  | J        |

| Cla   | im   |          |          |          |          | Date          |          |              |          |          |
|-------|--|----------|----------|----------|----------|---------------|----------|--------------|----------|----------|
|       | 1 1  |          |          |          |          |               |          |              |          |          |
| Final | Original   |          |          |          |          |               |          |              |          |          |
|       | 51<br>52<br>53<br>54<br>55<br>56<br>57                               |          |          |          |          |               |          |              |          |          |
|       | 52   |          |          |          |          |               |          |              |          |          |
|       | 53   |          |          |          |          |               |          | Ш            |          |          |
|       | 54   |          |          |          |          |               |          |              |          | Ш        |
|       | 55   |          |          |          |          |               |          |              |          |          |
|       | 50   | _        | _        |          |          |               |          |              |          | -        |
|       | 58   | _        | -        |          |          |               |          |              |          | Н        |
|       | 59   |          |          |          | -        | _             |          |              |          | $\vdash$ |
|       | 60   |          |          |          |          |               |          |              |          |          |
|       | 61   |          |          |          |          |               |          |              |          |          |
|       | 62   |          |          |          |          |               |          |              |          |          |
|       | 63   |          |          | Ш        |          | L             |          | <u> </u>     | _        |          |
|       | 64   | $\vdash$ |          |          |          | H             | <u> </u> | <u> </u>     | _        | $\vdash$ |
|       | 58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66                   | $\vdash$ | Н        | $\vdash$ | $\vdash$ | H             | -        | H            | -        | Н        |
|       | 67   | -        |          | $\vdash$ |          | _             |          | -            | -        | $\vdash$ |
|       | 68   | -        | H        | $\vdash$ |          | H             |          | ├─           |          | $\vdash$ |
|       | 69   | -        |          |          | _        |               | _        | <del> </del> | -        |          |
|       | 70   |          |          |          |          |               |          | Г            | _        |          |
|       | 71   |          |          |          |          |               |          |              |          |          |
|       | 72   |          |          |          |          |               |          |              |          |          |
|       | 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78 | _        |          |          |          |               |          | _            | <u> </u> | Ш        |
|       | 75   | -        |          | H        |          |               | -        | $\vdash$     | -        | Н        |
|       | 76   |          |          | ┝        | -        | -             | ├─       | -            | -        | Н        |
|       | 77   |          |          |          |          | _             |          |              | $\vdash$ | Н        |
|       | 78   |          |          | Г        |          | _             |          | Г            |          | П        |
|       | 79   |          |          |          |          |               |          |              |          |          |
|       | 80<br>81<br>82   |          |          |          |          |               |          |              |          |          |
|       | 81   | <u> </u> | _        |          |          |               |          |              | _        | Щ        |
|       | 82   | L        | _        | <u> </u> | L        | _             | L        |              |          | Ш        |
|       | 83   | -        |          |          |          | -             | H        |              |          | Н        |
|       | 83<br>84<br>85   | -        | H        | $\vdash$ | -        | _             | $\vdash$ | H            | $\vdash$ | Н        |
|       | 86   | <u> </u> | -        | $\vdash$ |          | $\vdash$      | H        |              | $\vdash$ | Н        |
|       | 87   | -        |          |          |          |               | H        |              |          | H        |
|       | 88   |          | -        |          |          |               | Г        |              |          | П        |
|       | 88<br>89   |          |          |          |          |               |          |              |          |          |
|       | 90   |          |          | Ĺ        |          |               | L        |              |          | Ц        |
|       | 91   | _        | Ш        | L        |          | _             | <u> </u> | <u> </u>     | <u> </u> | Ц        |
|       | 92   | <u> </u> | H        | L        | _        | $\vdash$      | $\vdash$ | <u> </u>     | $\vdash$ | Н        |
|       | 93<br>94   |          | H        | _        | ١        | <u> </u>      | -        | <u> </u>     | <u> </u> | Н        |
|       | 95   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | <del> -</del> | -        | $\vdash$     | -        | H        |
|       | 96   | $\vdash$ | $\vdash$ | $\vdash$ | -        | <del> </del>  | -        | $\vdash$     | $\vdash$ | Н        |
|       | 97   |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$ | $\vdash$     | $\vdash$ | H        |
|       | 98   |          |          |          |          |               |          |              |          | П        |
|       | 99   |          |          |          |          |               |          |              |          |          |
|       | 100  |          |          |          |          | L             |          |              |          |          |

| Cli      | aim                      |             |          |              | (        | Date     | Э        |          |                                     |          |
|----------|--------------------------|-------------|----------|--------------|----------|----------|----------|----------|-------------------------------------|----------|
|          |                          |             |          |              |          |          |          |          |                                     |          |
| Final    | Original                 |             |          |              |          |          |          |          |                                     |          |
|          | 101                      |             |          |              |          |          |          |          |                                     |          |
|          | 102                      |             |          |              |          |          |          |          |                                     |          |
|          | 103                      |             |          |              |          |          |          |          |                                     |          |
|          | 104                      |             |          |              |          |          |          |          |                                     |          |
|          | 103<br>104<br>105        |             |          |              |          |          |          |          |                                     |          |
|          | 106<br>107               |             |          |              |          |          |          |          |                                     |          |
|          | 107                      |             |          |              |          |          |          |          |                                     |          |
|          | 108                      |             |          |              |          |          |          |          |                                     |          |
|          | 109                      | _           |          |              |          |          |          |          |                                     |          |
|          | 110                      |             |          |              |          |          |          |          |                                     |          |
|          | 111<br>112<br>113        |             |          | _            |          | L_       | L.       |          |                                     |          |
|          | 112                      |             |          | _            |          | _        | <u> </u> |          | Ш                                   |          |
|          | 113                      | _           | _        |              |          | _        | <u> </u> |          |                                     |          |
|          | 114                      | _           | L        | L            |          | _        | <u> </u> | _        | _                                   |          |
|          | 115                      |             |          | ļ            |          | _        | _        | _        | <u> </u>                            | _        |
|          | 116                      |             |          |              | _        | <u> </u> | <u> </u> | <u> </u> | _                                   |          |
|          | 117<br>118               |             |          |              | _        | ļ        | <u> </u> | _        | <u> </u>                            |          |
|          | 118                      |             |          | <u> </u>     | _        |          | _        |          | <u> </u>                            |          |
|          | 119                      |             |          |              | <u> </u> | <u> </u> |          |          | _                                   | L        |
| <u> </u> | 120<br>121               | <u> </u>    | _        | _            |          | <u> </u> | _        |          | <u> </u>                            | L        |
| -        | 121                      |             | _        |              |          | _        | _        |          | _                                   | -        |
|          | 122<br>123               |             | -        |              |          |          | <u> </u> | -        | _                                   | <u> </u> |
|          | 123                      | ⊢           | ⊢        |              |          |          | ⊢        |          |                                     | H        |
| -        | 124<br>125               | ⊢           | ┢        | -            |          | _        | $\vdash$ |          |                                     | ├        |
| -        | 126                      | -           |          | <del> </del> |          |          |          |          |                                     | ┝        |
|          | 127                      | ┢           |          | _            | -        |          | -        |          |                                     | -        |
|          | 126<br>127<br>128<br>129 | $\vdash$    |          |              |          |          |          |          |                                     | $\vdash$ |
|          | 129                      | <del></del> | -        |              | $\vdash$ | _        | -        |          | -                                   | $\vdash$ |
|          | 130                      |             | T        |              |          |          | _        | _        | _                                   | $\vdash$ |
|          | 131                      |             | T        |              |          |          |          |          | _                                   | _        |
|          | 131<br>132               |             |          |              |          |          |          |          |                                     |          |
|          | 133                      | Г           | Т        |              |          | _        | ļ        |          |                                     |          |
|          | 134                      |             | Ι_       |              |          |          |          |          | Г                                   |          |
|          | 134<br>135               |             |          |              |          |          |          |          |                                     |          |
|          | 136<br>137               |             |          |              |          |          |          |          |                                     |          |
|          | 137                      |             |          |              |          |          |          |          |                                     |          |
|          | 138<br>139               |             | L        |              |          |          |          |          |                                     | $\Box$   |
|          | 139                      |             |          |              |          |          |          |          | _                                   |          |
|          | 140                      |             | _        |              |          |          |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        |
|          | 141                      | _           | _        | _            | <u> </u> |          |          | _        | <u> </u>                            | _        |
| <u> </u> | 142                      | _           | _        |              | L        | L        | L        |          | <u> </u>                            | _        |
| _        | 143                      | <u> </u>    | _        |              | _        | <u> </u> | <u> </u> | <u> </u> | <u> </u>                            | <u> </u> |
| <u> </u> | 144                      | L           | <u> </u> | <u> </u>     | _        | L        | L        | L        | <u> </u>                            | <u> </u> |
| <u> </u> | 145                      | <u> </u>    | L        | $\vdash$     | _        | _        | <u> </u> |          |                                     | L        |
| _        | 146                      | ļ           | <u> </u> | _            | _        | _        | _        | <u> </u> | <u> </u>                            | L        |
| <u> </u> | 147                      | <u> </u>    | -        | <u> </u>     | _        | $\vdash$ | <u> </u> | <u> </u> | -                                   | <u> </u> |
| -        | 148                      | H           | ├-       | $\vdash$     | L        |          | ļ        | -        | <del> </del>                        | ⊢        |
|          | 149                      | _           | ├        | _            | _        | <u> </u> | -        | -        | <del> </del>                        | -        |
| L        | 150                      | l           | L_       | <u> </u>     | L        | <u> </u> | Ц.       |          |                                     | L        |